

PLANNING GRAPHICAL VARIANTS WITH IFMS AND SAP

The iFMS system is designed to complement SAP and optimizes the execution of SAP-based business processes in the technology, infrastructure and commercial facility management areas and extends the functional scope of SAP through complementary iFMS software modules. The “Planning graphical variants” module facilitates floor space and occupancy optimization and the planning and implementation of workplace equipment and relocations.

THE CHALLENGE

Many challenges have to be overcome when optimizing the quality and cost of planning processes in floor space, occupancy and workplace management as well as in planning, execution and cost allocation of related relocations. Space utilization, occupancy and workplace equipment can be planned as variants and can be presented as the basis for decision-making, including CAD plans and estimated costs for implementing measures. Relocation requests have to be planned all the way to the operation level, furniture and IT equipment must be requested; order papers, CAD occupancy, furniture plans, and door signs have to be created. After the measure has been taken, the cost allocation must be completed and CAD planning and occupancy data transferred to the current dataset.

THE SOLUTION

The modular iFMS system used as a complement to SAP helps companies face numerous challenges of real estate and facility management. Planning graphical variants with the TimeLink technology integrated within iFMS allows optimal planning based on CAD data of floor space, occupancy, and workplace as well as relocation management planning. The TimeLink technology also enables cost estimates, order processing and cost allocation within the SAP system. Depending on the specific customer business processes the required SAP objects from RE-FX, PM/CS, HCM and MM are integrated with graphic objects from iFMS to form a seamless system without media discontinuity. This allows end-to-end execution of cross-system business processes and access to the required master and transaction data. The individual business processes can be designed and introduced at the level of detail specified by the customer.

OUR SERVICES

Together with you, we will guide the planning and optimization processes to long-term success. In specialist sectors, this means that we complete a detailed review of specialized requirements right from the start and make software prototypes available even during the concept planning phase. This allows users to become familiar with all the features available in iFMS variant planning at a very early stage, giving them direct and unique influence on the individual system configuration. In addition to the optimal transfer of know-how this approach ensures implementation of the CAFM solution that is suitably geared toward real world needs and closely tied to business processes. Our services at a glance:

- Technical concept and prototype,
- Configuration of the required functionalities and the specialized views,
- Integration of SAP RE-FX, PM/CS, HCM, MM,
- Integration of the CAD systems or data,
- User training,
- Support during data transfer,
- Going live with the solution,
- Hotline and maintenance

YOUR BENEFITS

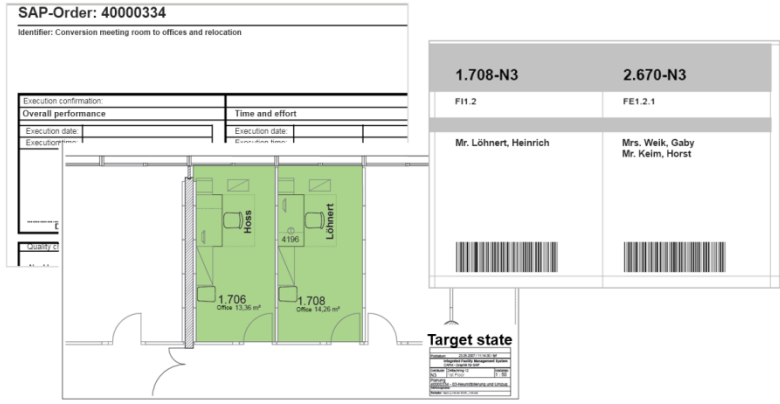

This integrated solution offers comprehensive support of the planning and allocation processes for floor space consolidation, occupancy and equipment planning, new hire and relocation issues among personnel and when newly furnishing buildings. As the product's name says, by integrating graphics and planning in iFMS (Integrated Facility Management System) several benefits result in combination with the process- and cost-centric SAP system:

- You achieve cost savings and quality improvement of your business process planning and execution as a result of the CAD-data-based variant planning integrated within SAP.
- Planning has a practical orientation, meaning various planning alternatives for a measure can be prepared including submeasures at several different levels which are related: For example: 1. Relocation of the employees to temporary workplaces, 2. Renovation of that story, 3. Furnishing of the rooms, 4. Employees move in
- This saves you time and keeps things structured for easy supervision, because planning steps are maintained in a clear way due to the ability to create planning alternatives without having to copy CAD plans and creating undesirable data redundancy.
- The business efficiency of plans can be compared by automatically transferring iFMS planning data into the SAP order in order to calculate the estimated or planned costs.
- The seamless integration of iFMS in the order processing process in the SAP system allows the entire business process to be handled without media discontinuity.

- After taking the measure, the iFMS planning data is imported to the SAP and iFMS datasets.
- You save time and money because the system integration is shipped with SAP.

Solution Highlights at a Glance

<p>TimeLink and PlanLink technology</p>	<p>One unique feature of iFMS is its TimeLink/PlanLink technology. This allows historical data on planning variants to be generated for any object relationships or graphics and alphanumeric content without copying the planned objects or CAD plans.</p>																																																																																											
<p>Planning with interrelated planning steps</p>																																																																																												
<p>Planning view</p>	<p>The same tools for display and processing available in the dataset are also available in planning. Filters also allow the display to be limited to those rooms affected by planning.</p>																																																																																											
<p>iFMS planning and related order transactions in SAP PM/CS and system-wide navigation</p>	<table border="1" data-bbox="510 1635 1149 1792"> <thead> <tr> <th>O...</th> <th>S...</th> <th>Work ctr</th> <th>PL...</th> <th>C...</th> <th>StTextK</th> <th>S</th> <th>Operation short text</th> <th>LT</th> <th>Work</th> <th>U.</th> <th>N.</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>1000</td> <td>AV</td> <td>FLM</td> <td>0001</td> <td>EINV</td> <td></td> <td></td> <td>iFMS operations</td> <td></td> <td></td> <td></td> <td></td> <td>H</td> </tr> <tr> <td>1010</td> <td>BW</td> <td>BAU</td> <td>0001</td> <td>EINV</td> <td></td> <td></td> <td>Transp. + installation of dividing wall</td> <td></td> <td></td> <td></td> <td></td> <td>H</td> </tr> <tr> <td>1020</td> <td>BW</td> <td>ELT</td> <td>0001</td> <td>EINV</td> <td></td> <td></td> <td>Install electricity supply</td> <td></td> <td></td> <td></td> <td></td> <td>H</td> </tr> <tr> <td>1030</td> <td>BW</td> <td>ITS</td> <td>0001</td> <td>EINV</td> <td></td> <td></td> <td>Transp. + wire PC up</td> <td></td> <td></td> <td></td> <td></td> <td>H</td> </tr> <tr> <td>1040</td> <td>BW</td> <td>BAU</td> <td>0001</td> <td>EINV</td> <td></td> <td></td> <td>Transp. + assemble furniture</td> <td></td> <td></td> <td></td> <td></td> <td>H</td> </tr> <tr> <td>1050</td> <td>BW</td> <td>RNG</td> <td>0001</td> <td>EINV</td> <td></td> <td></td> <td>Room cleaning</td> <td></td> <td></td> <td></td> <td></td> <td>H</td> </tr> </tbody> </table>	O...	S...	Work ctr	PL...	C...	StTextK	S	Operation short text	LT	Work	U.	N.	D	1000	AV	FLM	0001	EINV			iFMS operations					H	1010	BW	BAU	0001	EINV			Transp. + installation of dividing wall					H	1020	BW	ELT	0001	EINV			Install electricity supply					H	1030	BW	ITS	0001	EINV			Transp. + wire PC up					H	1040	BW	BAU	0001	EINV			Transp. + assemble furniture					H	1050	BW	RNG	0001	EINV			Room cleaning					H
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<p>SAP integration</p>	<p>iFMS allows the SAP-integrated processing. This means creating the SAP PM/CS order will generate a corresponding iFMS plan. In iFMS individual relocations, setup and dismantling of IT equipment and inventory and cost center allocation can be planned with easy drag-and-drop actions. iFMS uses the planning results to generate order transactions and components for SAP PM/CS and provides the data for calculating estimated or planned costs. After a measure is completed, iFMS updates SAP master data and carries out material postings.</p>																																																																																											

<p>Order documents</p>	 <p>SAP-Order: 40000334 Identifier: Conversion meeting room to offices and relocation</p> <table border="1"> <tr> <th colspan="2">Execution confirmation</th> <th colspan="2">Time and effort</th> </tr> <tr> <td>Overall performance</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Execution date</td> <td></td> <td>Execution date</td> <td></td> </tr> <tr> <td>Execution place</td> <td></td> <td>Execution place</td> <td></td> </tr> </table> <table border="1"> <tr> <th>1.708-N3</th> <th>2.670-N3</th> </tr> <tr> <td>F11.2</td> <td>FET 2.1</td> </tr> <tr> <td>Mr. Löhner, Heinrich</td> <td>Mrs. Weik, Gaby Mr. Keim, Horst</td> </tr> </table> <p>Target state</p>	Execution confirmation		Time and effort		Overall performance				Execution date		Execution date		Execution place		Execution place		1.708-N3	2.670-N3	F11.2	FET 2.1	Mr. Löhner, Heinrich	Mrs. Weik, Gaby Mr. Keim, Horst
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<p>Departmental views</p>	<p>Departmental views are also used in planning and dynamically updated. This allows changes to be easily checked and variants to be displayed in CAD plans and printed out for presentations.</p>																						
<p>Dynamic occupancy evaluation during planning</p>	 <p>7 - 7th floor 8 - 8th floor 9 - 9th floor A - 1st basement floor B - 2nd basement floor C - 3rd basement floor D - 4th basement floor T - technical operation floor P - Periphery</p> <table border="1"> <tr> <th>Identifier</th> </tr> <tr> <td>no office</td> </tr> <tr> <td>not occupied</td> </tr> <tr> <td>optimal occupancy</td> </tr> <tr> <td>not fully occupied</td> </tr> <tr> <td>over staffed</td> </tr> </table>	Identifier	no office	not occupied	optimal occupancy	not fully occupied	over staffed																
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<p>Workplace design and inventories</p>	<p>iFMS assists planners by carrying out validation checks for the planning of standard workplaces in customizing. Inventories can be copied for planning or furniture catalogs can be used.</p>																						
<p>Scalable SAP integration</p>	<p>Modular iFMS-SAP integration makes it possible to start with or without limited SAP integration and to gradually increase the degree of integration.</p>																						
<p>SAP certification</p>	<p>iFMS has already been certified by SAP for the second time. The integration is available for SAP R/3 4.6c, 4.7, ERP 5.0, and ERP 6.0.</p> <p>SAP[®] Certified Powered by SAP NetWeaver[®]</p>																						
<p>Administration</p>	<p>iFMS and the iFMS-SAP system integration are adapted to the individual customer's business processes by means of configuration and customizing. Depending on user roles, authorization for functions and data, entry forms, table displays, departmental views, etc., are customized to meet customer requirements.</p>																						



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